



Patent
Attorney's Docket No. 040000-749

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Peter LARSSON

Application No.: 09/667,504

Filed: September 22, 2000

For: ISI MITIGATING OFDM DELAY
TRANSMIT DIVERSITY

)
)
) Group Art Unit: 2681

)
) Examiner: Unassigned

RECEIVED
JUN 13 2001
Technology Center 2600

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [] The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [] A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [] A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [] Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ [] A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

By: _____

Stephen W. Palan
Registration No. 43,420

Date: June 11, 2001



#5

Patent
Attorney's Docket No. 040000-749

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Peter LARSSON) Group Art Unit: 2681
Application No.: 09/667,504) Examiner: Unassigned
Filed: September 22, 2000)
For: ISI MITIGATING OFDM DELAY)
TRANSMIT DIVERSITY)

RECEIVED
JUN 13 2001
Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

EP 0 588 741 A1

DE 196 44 430 C1

YE LI et al., "Transmitter Diversity of OFDM Systems and Its Impact on High-Rate Data Wireless Network", IEEE Journal on Selected Areas in Communication, July 7, 1999, pgs. 1233-1243, X-000834945 Vol. 17.

SEONGSIK LEE et al., "Trellis-Coded OFDM Signal Detection with Maximal Ratio Combining and Combined Equalization and Trellis Decoding", IEICE Trans Commun, April 1997, pgs. 632-638, XP-000721839 Vol. E80 B No. 4.

European Patent Office Standard Search Report dated March 30, 2001

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

I, the undersigned, hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with M.P.E.P. § 609 A(3) an English language version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 

Stephen W. Palan
Registration No. 43,420

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: June 11, 2001